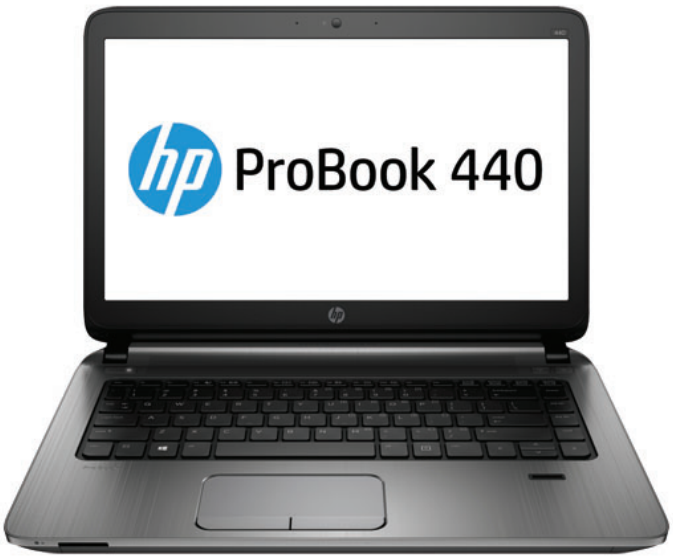
Datasheet

HP ProBook 440 G2 Notebook PC

The sleek HP ProBook 440 G2 with optional 10 –point touchscreen[1] and the latest generation technologies delivers powerful performance in the office or on the go. Proven reliability and comprehensive HP security features help keep your data and investment protected.



HP recommends Windows.

Windows 8.1 Pro or other operating systems available

Designed for mobility.

Travel in style with the updated design of optional HD+[2], or HD touch[1] 14-inch diagonal HP ProBook 440 G2 featuring a new soft touch paint on the LCD cover and brushed aluminum keyboard deck.

Powerful processing.

Power through projects with the latest 4th generation Intel® Core™ i3/i5/i7 processors[3] and optional discrete[2] AMD Radeon™ graphics with switchable graphics support[4] on the stunning 14-inch diagonal, optional HD+[2] or HD touchscreen[1] of the HP ProBook 440 G2.

Safeguard data and devices.

Help keep sensitive data secure with comprehensive security features like HP Client Security,[5] and HP BIOS Protection,[6] as well as the embedded TPM 1.2.

Featuring

Guard your data, device and identity with HP Client Security.[5]
HP BIOS Protection's[6] automated recovery restores a copy of the BIOS from a partition on the hard drive if crisis strikes.
With TPM 1.2 your critical data has protection with hardware-based encryption keys.
Rest easy with a ProBook that endures 115,000 hours of testing to help ensure reliability in the most demanding work environments.
The simplicity of optional touch[1] enriches business interaction with Windows 8.1.[7]

Help protect your ProBook from minor spills with a backlit[8] spill-resistant keyboard.
Power through your day with speed and performance. Get the latest in processing technology with your choice of 4th generation Intel® Core™ i3/i5/i7 processors.[3]
Optional discrete[2] graphics with switchable graphics support[4] from AMD on the HP ProBook 440 provide outstanding visual experiences on optional HD+[2] displays.
Get to work virtually anywhere in the world with fast, reliable, and secure wireless connections using optional Qualcomm® Gobi™ 4G LTE[9] connectivity and avoid added expenses of fee based Wi-Fi hotspots on the road with data plans to fit your enterprise needs.

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HP recommends Windows.

Operating System	Windows 8.1 Pro 64[1] Windows 8.1 64[1] Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64)[2] Windows 7 Professional 64[1] Windows 7 Home Premium 64[1] Windows 7 Home Basic 64[1] FreeDOS 2.0 Ubuntu Linux[3]
Processor Family	Intel® Core™ i7 processor; Intel® Core™ i5 processor; Intel® Core™ i3 processor; Intel® Celeron® processor[4]
Processor	Intel® Core™ i7-4510U with Intel HD Graphics 4400 (2 GHz, up to 3.1 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i5-4310U with Intel HD Graphics 4400 (2 GHz, Up to 3 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i5-4210U with Intel HD Graphics 4400 (1.7 GHz, up to 2.7 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i3-4030U with Intel HD Graphics 4400 (1.9 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-4005U with Intel HD Graphics 4400 (1.7 GHz, 3 MB cache, 2 cores); Intel® Celeron® 2957U with Intel HD Graphics (1.4 GHz, 2 MB cache, 2 cores)[4,5]
Chipset	Chipset is integrated with processor
Memory	Up to 16 GB 1600 MHz DDR3L SDRAM Memory slots: 2 SODIMM
Internal Storage	500 GB up to 750 GB SATA (7200 rpm)[7] 320 GB up to 1.5 TB SATA (5400 rpm)[7] up to 128 GB SSD[7] up to 500 GB SATA SSHD (5400 rpm)[7] up to 120 GB M.2 SSD
Upgrade Bay	Blu-ray ROM DVD+/-RW SuperMulti DL; DVD+/-RW SuperMulti DL; DVD-ROM[8,9]
Display	14" diagonal HD anti-glare LED-backlit (1366 x 768); 14" diagonal HD+ anti-glare LED-backlit (1600 x 900); 14" diagonal HD shatter, scratch, and smudge resistant LED-backlit touch screen (1366 x 768)[12,13]
Graphics	Intel HD Graphics 4400 (Intel i3, i5, and i7 Dual-Core configurations); Intel HD Graphics (Intel Celeron configurations) AMD Radeon R5 M255 (1 GB or 2 GB DDR3 dedicated, switchable)[28]
Audio/Visual	DTS Sound+; Integrated stereo speakers; Integrated digital microphone (dual-microphone array when equipped with optional webcam); Function keys for microphone mute, volume up, and volume down; Headphone/microphone combo jack
Wireless Support	Realtek 802.11b/g/n (1x1); Realtek 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo; Broadcom 802.11a/b/g/n (2x2) and Bluetooth® 4.0 Combo; Intel Dual Band Wireless-AC 3160 802.11a/b/g/n/ac (1x1) WiFi and Bluetooth® 4.0 Combo; Intel Dual Band Wireless-AC 7260 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.0 Combo; HP hs3110 HSPA+ Mobile Broadband; HP lt4112 LTE/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband[10,11,30]
Communications	Realtek Ethernet (10/100/1000)
Expansion Slots	1 multi-format digital media reader
Ports and Connectors	2 USB 3.0; 2 USB 2.0; 1 HDMI; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 VGA
Input Devices	Full-sized, spill resistant keyboard; Full-sized, spill resistant backlit keyboard (optional)[12] Touchpad with gestures support, on/off button with LED indicator, two-way scroll, two pick buttons 720p HD webcam (select models)[13]
Software (Windows OS only)	Absolute Persistence; HP Device Access Manager with Just In Time Authentication; HP File Sanitizer; HP Client Security; HP BIOS Protection; HP Disk Sanitizer; HP DriveLock; HP SpareKey; HP Connection Manager; HP GPS and Location; HP Mobile Connect; HP Wireless Hotspot; HP ePrint Driver; HP Hotkey Support; HP PageLift; HP Recovery Manager; HP Support Assistant; CyberLink PowerDVD; CyberLink YouCam BE; Foxit PhantomPDF Express; Buy Office[14,15,16,17,20,21,23,29,32,33]
Security	Standard: HP Client Security, Microsoft Defender (models with Windows 8), Drive Encryption, HP BIOS Protection, Security lock slot, TPM 1.2 Embedded Security Chip; Optional: Intel® Identity Protection, HP Fingerprint reader[18,25,29,31]
Dimensions	33.92 x 24.4 x 2.31 to 2.52 cm (front to rear) (non-touch); 33.92 x 24.45 x 2.45 to 2.66 cm (front to rear) (touch)
Weight	Starting at 1.8 kg
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available
Environmental Specifications	Low halogen[26]
Power	65 W Smart AC adapter; 65 W EM Smart AC adapter; 45 W Smart AC adapter; 45 W Smart AC adapter 2-prong (Japan only)
Battery Type	4-cell, 44 WHr Li-ion; 4-cell, 40 WHr Long Life Li-ion
Warranty	HP Services offers 3-year, 1-year and 90-day limited warranty options depending on country; 1-year limited warranty on primary battery; 3-year limited warranty on HP Long Life Battery (only available with 3-year platform limited warranty). On-site service and optional HP Care Pack Services are available to extend your protection beyond the standard limited warranty. Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit www.hp.com/go/cpc

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Recommended Accessories and Services

HP U160 15.6-inch LED Backlit Monitor

Adding a second screen to your notebook just got radically simpler with the lightweight HP U160 15.6-inch LED Backlit Monitor. Increase your productivity with a portable companion display that quickly opens into its own tilt-adjustable stand and easily connects to your notebook with one USB cable. Share presentations across a table or desk wherever you work. The adjustable stand quickly converts back into a carrying case so you can stow and go.

Product number: D4T56AA

HP 3005pr USB 3.0 Port Replicator

Everything you need every day, ready with one simple connection. The HP 3005pr USB 3.0 Port Replicator is our ultimate platform-independent hot desking solution. Get online, make up to six of your everyday USB devices immediately available, and expand your productivity with connection to two external displays—all through one USB 3.0 cable.

Product number: H1L08AA

HP USB Essential Keyboard and Mouse

The HP USB Essential Keyboard/Mouse Bundle is designed to help you customize your desktop work space when you park your notebook at the office.

Product number: H6L29AA

HP 3-year Travel Next Business Day Notebook Only Service

Care Pack

This HP services offers notebook users on the go prompt, reliable coverage in major geographies of the world, for 3 years. For more information on Care Pack services, please visit www.hp.com/go/cpc.

Product number: UL653E

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Footnotes

[1] HD touchscreen is expected to be available in Summer, 2014 as an optional feature. [2] Sold separately or as an optional feature. [3] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance. [4] AMD Dynamic Switchable Graphics technology requires either an AMD "A" series APU or an Intel processor, plus an AMD Radeon™ discrete graphics configuration and is not available on FreeDOS and Linux OS. With AMD Dynamic Switchable Graphics technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be). [5] Requires Windows. [6] HP tools partition with HP BIOS required for automatic recovery. [7] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com. [8] Backlit keyboard is expected to be available in Summer, 2014 as an optional feature. [9] Mobile Broadband is an optional feature and requires factory configuration. Use requires separately purchased service contract.Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, and in all regions.

Technical specifications disclaimers

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com. [2] This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 8.1 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data. [3] Fingerprint reader, WWAN, touch display and TPM are not supported with Linux. [4] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance. [5] Intel Core i3-4005U processor planned to be available in July 2014. [7] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 8) is reserved for system recovery software. [8] Double-layer discs can store more data than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players. Note that this drive cannot read or write to 2.6 GB single-sided/5.2 GB double-sided – version 1.0 media. Don't copy copy-right protected materials. [9] With Blu-Ray certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this Blu-Ray drive. [10] Wireless is an optional add-on feature and requires wireless access point and Internet service. Availability of public wireless access points limited. [11] Mobile Broadband is an optional feature and requires factory configuration. Use requires separately purchased service contract.Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, and in all regions. [12] Optional backlit keyboard and touchscreen are planned to be available in July 2014 [13] HD content required to view HD images. [14] The HP Wireless Hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your service provider for plan details. Requires Windows 8.1 or HP Connection Manager for Windows 7. [15] ePrint requires an Internet connection to HP web-enabled printer. HP ePrint account registration required. For a list of eligible printers, supported documents and image types, and for complete details, see wwwhp.com/eprint [16] HP Mobile Connect is available in select EMEA countries and requires a compatible CDMA or HSPA mobile broadband module and prepaid service purchase. Find coverage and availability for your service area at www.hp.com/go/mobileconnect. [17] BIOS Absolute Persistence module is shipped turned off, and will be activated when customers purchase and activate a subscription. Service may be limited. Check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software. [18] HP Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access. [20] File Sanitizer is for the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled. [21] HP PageLift requires Windows 8. [23] HP Support Assistant: internet access required [25] Intel® IPT security requires separate Symantec VIP software service subscription and must be activated and configured. Requires a website that uses Symantec VIP Authentication Service and Microsoft® Windows. Intel® and HP assume no liability for lost or stolen data and/or systems or any other damages resulting therefrom. [26] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. [28] AMD Dynamic Switchable Graphics technology (AMD Radeon R5 M255) requires either an AMD "A" series APU or an Intel processor, plus optional AMD Radeon™ discrete graphics configuration and is not available on FreeDOS and Linux OS. With AMD Dynamic Switchable Graphics technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be). [29] HP Client Security requires Windows [30] The specifications for the 5G WiFi aka 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices. Wireless access point and Internet service required and not included. Availability of public wireless access points limited. [31] Microsoft Defender requires internet access. [32] Disk Sanitizer is for the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Requires Windows. [33] DriveLock does not support Self Encrypting HDs (SEDs) if the encryption PIN is enabled.

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4AA5-2904EEAP, APJ, August 2014